

What is claimed is:-

1. Recovery management terminal for handling deleted items in a communication unit, where said recovery management terminal includes:
  - 5 • representing means for displaying the deleted items in a hierarchical memory structure including additional information about said deleted item,
  - recovering means to recover said deleted item from the hierarchical memory structure of deleted items and to relocate the link to said deleted item to its original location before deletion from the memory position in  
10 which the deleted item is stored,
  - recovering means for establishing a link from the memory position in which the deleted item is stored to a new location, and
  - user interface means for enabling manipulation of the deleted items menu.
- 15 2. Recovery management terminal for handling deleted items in a communication unit according to claim 1 characterised in that the recovery management terminal can be turned off so that all deleted items are permanently deleted.
- 20 3. Recovery management terminal for handling deleted items in a communication unit according to claim 1 characterised in that the deleted items are SMS, ringing tones, phone book entries, calendar entries, pictures, bookmarks, user actions, settings set, renaming, phonebook editing, smileys, e-mail, voice memos, voice tags, games, operator icons picture and profiles.
- 25 4. Recovery management terminal for handling deleted items in a communication unit according to claim 1 characterised in that the recovery management terminal can be set to automatically delete the hierarchical memory structure when the available memory is used.
- 30 5. Recovery management terminal for handling deleted items in a communication unit according to claim 1 characterised in that the recovery

management terminal can be set to automatically delete the hierarchical memory structure at certain interval.

- 5 6. Recovery management terminal for handling deleted items in a communication unit according to claim 1, wherein the recovery management terminal can be set to automatically delete the hierarchical memory structure when the available memory is used and characterised in that the hierarchical memory structure can be set to delete certain selected types of the items.
- 10 7. Recovery management terminal for handling deleted items in a communication unit according to claim 1 characterised in that the additional information about said deleted item includes name, item type, deletion time, deletion date and a link to the location in the communication unit/ SIM card/ external device from where said deleted item was deleted.
- 15 8. Recovery management terminal for handling deleted items in a communication unit, where said recovery management terminal includes:
  - representing means for displaying the deleted items in a hierarchical memory structure including additional information about said deleted item,
  - 20 • recovering means to recover said deleted item from the hierarchical memory structure of deleted items and to relocate said deleted item to its original location in another memory structure in which said deleted item was located before its deletion and moved to said hierarchical memory structure of said recovery management terminal,
  - 25 • recovering means for establishing a link from said deleted item to a new location, and
  - user interface means for enabling manipulation of the deleted items menu.
- 30 9. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the recovery management terminal can be turned off so that all deleted items are permanently deleted.

10. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the deleted items are SMS, ringing tones, phone book entries, calendar entries, pictures,  
5 bookmarks, user actions, settings set, renaming, phonebook editing, smileys, e-mail, voice memos, voice tags, games, operator icons picture and profiles.

11. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the recovery  
10 management terminal can be set to automatically delete the hierarchical memory structure when the available memory is used.

12. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the recovery  
15 management terminal can be set to automatically delete the hierarchical memory structure at certain intervals.

13. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the hierarchical  
20 memory structure can be set to delete certain selected types of items.

14. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that the additional  
25 information about said deleted item includes name, item type, deletion time, deletion date and a link to the location from where said deleted item deleted.

15. Recovery management terminal for handling deleted items in a communication unit according to claim 8 characterised in that said deleted  
30 items can be automatically deleted from one memory structure and relocated into the hierarchical memory structure of said recovery management terminal, when the allocated memory of said memory structure is used.

16. A method for handling deleted items being represented in a recovery management terminal in a hierarchical memory structure and including the steps of:

- representing the name of said deleted items in said memory structure, where the representation includes additional information about said deleted item,
- recover said deleted item from the hierarchical memory structure of deleted items and to relocate said deleted item to its original location before being deleted and dislocated to the hierarchical memory structure in the recovery management terminal,
- saving said deleted item to a new location, and
- user interface options for emptying said hierarchical memory structure and enabling manipulation of the deleted items menu.

17. A method for handling deleted items according to claim 16, wherein said recovery management terminal can be turned off thereby disabling said recovery management terminal.

18. A method for handling deleted items according to claim 16, wherein said deleted items handled in said recovery management terminal can be any of the following types: SMS, ringing tones, phone book entries, calendar entries, pictures, bookmarks, user actions, settings set, renaming, phonebook editing, smileys, e-mail, voice memos, voice tags, games, operator icons pictures or profiles.

19. A method for handling deleted items according to claim 16, wherein said additional information about said deleted items includes name, item type, deletion time, deletion date and a link to the location where said deleted item where deleted.

20. A method for handling deleted items according to claim 16, wherein said recovery management terminal can be set to automatically empty said

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memory structure at certain intervals or when the allocated memory is used according to any of the following options:

- the oldest item is deleted first from said memory structure,
- the oldest message is deleted first from said memory structure,
- 5 • the oldest ringing tone is deleted first from said memory structure,
- the oldest calendar entry is deleted first from said memory structure or,
- any other specified type is deleted first of deleted items from the said memory structure.

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